OIPE

RAW SEQUENCE LISTING   DATE: 01/23/2002
PATENT APPLICATION: US/09/893,371   TIME: 19:13:40

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 3 <110> APPLICANT: de Lanerolle, Primal
 4        Nowak, Grzegorz
 5        Pestic-Dragovich, Lidija
 6        Stojiljkovic, Ljuba
 7        Hozak, Pavel
 9 <120> TITLE OF INVENTION: Nuclear Myosin I B with A 16 Amino Acid N-Terminal
10        Extension
12 <130> FILE REFERENCE: 30151/92399
14 <140> CURRENT APPLICATION NUMBER: 09/893,371
15 <141> CURRENT FILING DATE: 2001-06-27
17 <150> PRIOR APPLICATION NUMBER: 60/214,944
18 <151> PRIOR FILING DATE: 2000-06-29
20 <160> NUMBER OF SEQ ID NOS: 6
22 <170> SOFTWARE: PatentIn Ver. 2.1
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43 Arg Arg Arg Phe Arg Glu Asn Leu Ile Tyr Thr Tyr Ile Gly Pro Val
44      50                  55                  60
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47  65                  70                  75                  80
49 His Met Glu Arg Tyr Arg Gly Val Ser Phe Tyr Glu Val Pro Pro His
50              85                  90                  95
52 Leu Phe Ala Val Ala Asp Thr Val Tyr Arg Ala Leu Arg Thr Glu Arg
53              100                 105                 110
55 Arg Asp Gln Ala Val Met Ile Ser Gly Glu Ser Gly Ala Gly Lys Thr
56          115                 120                 125
58 Glu Ala Thr Lys Arg Leu Leu Gln Phe Tyr Ala Glu Thr Cys Pro Ala
59      130                 135                 140
61 Pro Glu Arg Gly Gly Ala Val Arg Asp Arg Leu Leu Gln Ser Asn Pro
62 145                 150                 155                 160
64 Val Leu Glu Ala Phe Gly Asn Ala Lys Thr Leu Arg Asn Asp Asn Ser
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68             180             185             190
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71         195             200             205
73 Val His Gln Asn His Gly Glu Arg Asn Phe His Val Phe Tyr Gln Leu
74     210             215             220
76 Leu Glu Gly Gly Glu Glu Glu Thr Leu Arg Arg Leu Gly Leu Glu Arg
77 225             230             235             240
79 Asn Pro Gln Ser Tyr Leu Tyr Leu Val Lys Gly Gln Cys Ala Lys Val
80             245             250             255
82 Ser Ser Ile Asn Asp Lys Ser Asp Trp Lys Val Met Arg Lys Ala Leu
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85 Ser Val Ile Asp Phe Thr Glu Asp Glu Val Glu Asp Leu Leu Ser Ile
86     275             280             285
88 Val Ala Ser Val Leu His Leu Gly Asn Ile His Phe Ala Ala Asp Glu
89     290             295             300
91 Asp Ser Asn Ala Gln Val Thr Thr Glu Asn Gln Leu Lys Tyr Leu Thr
92 305             310             315             320
94 Arg Leu Leu Gly Val Glu Gly Thr Thr Leu Arg Glu Ala Leu Thr His
95         325             330             335
97 Arg Lys Ile Ile Ala Lys Gly Glu Glu Leu Leu Ser Pro Leu Asn Leu
98         340             345             350
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101         355             360             365
103 Arg Thr Phe Thr Trp Leu Val Arg Lys Ile Asn Arg Ser Leu Ala Ser
104     370             375             380
106 Lys Asp Ala Glu Ser Pro Ser Trp Arg Ser Thr Thr Val Leu Gly Leu
107 385             390             395             400
109 Leu Asp Ile Tyr Gly Phe Glu Val Phe Gln His Asn Ser Phe Glu Gln
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118 Trp Glu Pro Val Gln Tyr Phe Asn Asn Lys Ile Ile Cys Asp Leu Val
119     450             455             460
121 Glu Glu Lys Phe Lys Gly Ile Ile Ser Ile Leu Asp Glu Glu Cys Leu
122 465             470             475             480
124 Arg Pro Gly Glu Ala Thr Asp Leu Thr Phe Leu Glu Lys Leu Glu Asp
125             485             490             495
127 Thr Val Lys Pro His Pro His Phe Leu Thr His Lys Leu Ala Asp Gln
128         500             505             510
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131     515             520             525
133 Ala Gly Glu Val Thr Tyr Ser Val Thr Gly Phe Leu Asp Lys Asn Asn
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145 Val Glu Ile Leu Arg Ser Lys Glu Pro Ala Tyr Ile Arg Cys Ile Lys
146         595             600             605
148 Pro Asn Asp Ala Lys Gln Pro Gly Arg Phe Asp Glu Val Leu Ile Arg
149     610             615             620
151 His Gln Val Lys Tyr Leu Gly Leu Met Glu Asn Leu Arg Val Arg Arg
152 625             630             635             640
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155             645             650             655
157 Lys Ser Leu Cys Pro Glu Thr Trp Pro Met Trp Ala Gly Arg Pro Gln
158             660             665             670
160 Asp Gly Val Ala Val Leu Val Arg His Leu Gly Tyr Lys Pro Glu Glu
161         675             680             685
163 Tyr Lys Met Gly Arg Thr Lys Ile Phe Ile Arg Phe Pro Lys Thr Leu
164     690             695             700
166 Phe Ala Thr Glu Asp Ser Leu Glu Val Arg Arg Gln Ser Leu Ala Thr
167 705             710             715             720
169 Lys Ile Gln Ala Ala Trp Arg Gly Phe His Trp Arg Gln Lys Phe Leu
170             725             730             735
172 Arg Val Lys Arg Ser Ala Ile Cys Ile Gln Ser Trp Trp Arg Gly Thr
173             740             745             750
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176             755             760             765
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179     770             775             780
181 Glu Asn Ala Phe Phe Leu Asp His Val Arg Ala Ser Phe Leu Leu Asn
182 785             790             795             800
184 Leu Arg Arg Gln Leu Pro Arg Asn Val Leu Asp Thr Ser Trp Pro Thr
185             805             810             815
187 Pro Pro Pro Ala Leu Arg Glu Ala Ser Glu Leu Leu Arg Glu Leu Cys
188             820             825             830
190 Met Lys Asn Met Val Trp Lys Tyr Cys Arg Ser Ile Ser Pro Glu Trp
191             835             840             845
193 Lys Gln Gln Leu Gln Gln Lys Ala Val Ala Ser Glu Ile Phe Lys Gly
194     850             855             860
196 Lys Lys Asp Asn Tyr Pro Gln Ser Val Pro Arg Leu Phe Ile Ser Thr
197 865             870             875             880
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200             885             890             895
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203             900             905             910
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206             915             920             925
208 Val Ile Val Glu Asp Ala Lys Val Lys Gln Arg Ile Asp Tyr Ala Asn
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211 Leu Thr Gly Ile Ser Val Ser Ser Leu Ser Asp Ser Leu Phe Val Leu
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218              980             985             990
220 Arg Val Asn Asn Ile Asn Ile Asn Gln Gly Ser Ile Thr Phe Ala Gly
221          995             1000            1005
223 Gly Pro Gly Arg Asp Gly Ile Ile Asp Phe Thr Ser Gly Ser Glu Leu
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258 tgtcctgctg gagaatttca ccagtgaggc tgccttcatt gagaacctcc ggcggcggtt 180
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/893,371

DATE: 01/23/2002
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Input Set : **A:\Primall.app**
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